

PERMITTEE NAME/ADDRESS  
(Include Facility Name/Location if different)

NAME US Department of Interior  
Bureau of Reclamation  
ADDRESS 826 East Front Street, Suite A  
Port Angeles WA 98362-3613

FACILITY Elwha Water Treatment Plant  
LOCATION Elwha River/ Lat: 48° 10' 10" N/Long: 123° 33' 7" W.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)	(17-19)
WA-002666-2	001
PERMIT NUMBER	DISCHARGE NUMBER


Sedimentation Plant (non-wastewater)

Influent and effluent flows and other parameters are averaged for days that discharges occurred. Discharges occurred on 8/2, 8/4 and 8/7.



MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2011	08	01		2011	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF COMPLIANCE AND ENFORCEMENT REGION 10 SAN FRANCISCO, CA FREQUENCY OF ANALYSIS		SAMPLE TYPE
		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)	UNITS	(62-63)	(64-68)	
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY				
Flow	SAMPLE MEASUREMENT	4.6	7.9	CFS	*****	*****	*****		0	continuous	recording
Influent [0056 7 0 0]		PERMIT REQUIREMENT	Report		Report						Continuous
Flow	SAMPLE MEASUREMENT	0.27	0.65	CFS	*****	*****	*****		0	continuous	recording
Effluent [0056 1 0 0]		PERMIT REQUIREMENT	Report		Report						Continuous
Turbidity	SAMPLE MEASUREMENT	*****	*****		*****	8.2	8.5	NTU	0	continuous	recording
Influent [ 00070 7 0 0]		PERMIT REQUIREMENT					Report		Report		Continuous
pH	SAMPLE MEASUREMENT	*****	*****		*****	7.7	7.8	s.u.	0	daily	grab
Influent [00400 7 0 0]		PERMIT REQUIREMENT					6.5 – 8.5		8.5		5/ week
pH	SAMPLE MEASUREMENT	*****	*****		*****	7.6	7.7	s.u.	0	daily	grab
Effluent [00400 1 0 0]		PERMIT REQUIREMENT					6.5 – 8.5		8.5		5/ week
Temperature	SAMPLE MEASUREMENT	*****	*****		*****	11.6	11.8	°C	0	daily	grab
Influent [00010 7 0 0]		PERMIT REQUIREMENT					Report		Report		5/Week
Temperature	SAMPLE MEASUREMENT	*****	*****		*****	12.3	12.3		0	daily	grab
Effluent [00010 1 0 0]		PERMIT REQUIREMENT					Report		Report		5/Week

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  Michael S Greene, PE Project/Plant Manager, Veolia Water N. America Operating Services	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY			TELEPHONE		DATE		
				360	417-1180	2011	09	08
TYPED OR PRINTED	KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

The Elwha River WTP (Sedimentation) is currently in a "mothball" or stand-by operating mode. It is operated on an intermittent basis for commissioning and equipment exercise.

Computer Reproduction EPA Form 3320-1

PCS  
10/12/11

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DISCHARGE MONITORING REPORT (DMR)

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Sedimentation Plant (non-wastewater)



**FACILITY** Elwha Water Treatment Plant  
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		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)	UNITS			
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY				
Fecal Coliform Influent [31625 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	1	1	#/100 ml	0	10/Mo	grab
	PERMIT REQUIREMENT					Report	Report			10/Month	Grab
Fecal Coliform Effluent [31625 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	1	1	#/100 ml	0	10/Mo	grab
	PERMIT REQUIREMENT					Report	Report			10/Month	Grab
Total Suspended Solids Influent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	NTU<50	NTU<50	Lb/Day	*****	NTU<50	NTU<50	mg/L	0		
	PERMIT REQUIREMENT	Report	See I.B.3 & I.B.4			Report	Report			Daily	24-Hr composite
Total Suspended Solids Effluent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	NTU<50	NTU<50	Lb/Day	*****	NTU<50	NTU<50	mg/L	0		
	PERMIT REQUIREMENT	Report	225,385			Report	Report			Daily	24-Hr composite
Total Suspended Solids Influent [00530 7 0 0] Daily Average Influent Turbidity < 50 NTU	SAMPLE MEASUREMENT	0.10	0.17	#/CFS River	*****	7.5	10.7	mg/L	0	Day of discharge	comp
	PERMIT REQUIREMENT	Report	22			Report	Report			Daily	24-Hr composite
Total Suspended Solids Effluent 00530 P 0 0 Daily Average Influent Turbidity ≤ 50 NTU	SAMPLE MEASUREMENT	0.36	0.93	#/CFS River	*****	285	514	mg/L	0	Day of discharge	comp
	PERMIT REQUIREMENT	Report	22			Report	Report			Daily	24-Hr composite
Settleable Solids Influent [00545 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤ 1.0	≤ 1.0	ml/L	0	3/month	comp
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite

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				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



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		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)	UNITS										
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY											
Settleable Solids Effluent [00545 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	20	20	ml/L	0	1/month	comp							
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite							
BOD <sub>5</sub> Effluent [00310 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	4.8	4.8	mg/L	0	1/month	comp							
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite							
Alkalinity Effluent [0410 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	35	35	mg/L as CaCO <sub>3</sub>	0	1/month	comp							
	PERMIT REQUIREMENT					Report	Report			1/month	24 hr com.p							
Total Dissolved Solids Influent [70295 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	108	161	mg/L	0	2/month	comp							
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite							
Total Dissolved Solids Effluent [70295 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	56	56	mg/L	0	2/month	comp							
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite							
Total Aluminum Influent [01105 7 0 0]	SAMPLE MEASUREMENT	ND	ND	lb/Day	*****	≤ 1.0	≤ 1.0	mg/L	0	1/month	comp							
	PERMIT REQUIREMENT	Report	Report			Report	Report			1/month	24-Hr composite							
Total Aluminum Effluent [01105 1 0 0]	SAMPLE MEASUREMENT	64.8	107.8	lb/Day	*****	4.8	4.8	mg/L	0	1/month	comp							
	PERMIT REQUIREMENT	Report	Report			Report	Report			1/month	24-Hr composite							
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Dissolved Oxygen Influent [00300 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	11.6	11.9		0	DAILY	grab			
	PERMIT REQUIREMENT					Report	Report	mg/L		1/Month	Grab			
	SAMPLE MEASUREMENT													
	PERMIT REQUIREMENT													
	SAMPLE MEASUREMENT													
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September 9, 2011

US EPA Region 10  
Director, Office of Compliance & Enforcement  
1200 Sixth Avenue, OCE-133  
Seattle, Washington 98101

**RE: NPDES # WA-002666-2, MONTHLY REPORT, AUGUST 2011, ELWHA  
WATER TREATMENT PLANT**

Attn: PCS Data Entry Team

Enclosed is the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of August 2011. The report is being submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. A copy has been submitted to the Washington DOE.

Please contact me if there are any questions or comments regarding the enclosed forms.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Michael S. Greene'.

Michael S Greene  
District Manager

CC: Richard Bauman, BOR  
Paul Rothgery, NPS  
Tracy Gilchrist, NPS  
Jeff Bohman, NPS  
Chris Lewis, NPS

Enclosures:

1. DMR, August 2011, EPA Form 3320-1 (4 pages)